

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	HARLEM (48S)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	HARLEM	APPROACH TYPE:	VISUAL
CONTACT:	THOMAS PARNELL	DATE INVENTORIED:	1-23-96
PHONE #:	353-2305	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 11/29 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	125'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	180'		✓
RUNWAY WIDTH:	60'	60'		✓
RUNWAY LENGTH:	4,650' (1)		4,100'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2) & (3)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1" - 2"		✓
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
RUNWAY 11 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,640.0	N/A
RUNWAY 29 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,596.0	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL, STAKE MTD, NATIONAL			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 11				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 29				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) RW LENGTH OF 3,370' FOR 75%, 4,150 FOR 95% AND 4,650 FOR 100% COVERAGE; ALP ULT OF 4,700' SHOWN

(2) TERRAIN CLOSE TO PENETRATING PRIMARY SURFACE IN TWO PLACES; HARD TO TELL W/SNOW

BUT APPEARS SOME GRADING WORK HAS BEEN DONE RECENTLY, SO PROBABLY OK

(3) WIND INSTRUMENT ANTENNA PENETRATES TRANSITIONAL SURFACE (22.5%)

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	40'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	2" - FLUSH		OK
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) NONE		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

MISCELLANEOUS

TYPE OF BEACON:	MOUNTED ON MAIN HANGAR BUILDING
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	29 END: DeVORE AV. CORP. PLASI, GOOD COND, 50' FROM PVMT EDGE
WINDCONE (CONDITION & COMPLIANCE):	S. OF RW ~350' FROM CL, LIGHTED, 25' HIGH, VERY POOR COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL IN GOOD COND
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	SIX LUMACURVE DIRECTIONAL SIGNS, ALL IN GOOD COND AND 15' FROM PAVEMENT EDGE EXCEPT ONE ALONG TURF RUNWAY

COMMENTS:

(1) TAXIWAY ENTRANCE BLUE LIGHT PAIRS ARE THE ONLY TAXIWAY MARKING
